

ABSTRACT

The present invention relates to the field of blood purification devices having a blood purification element (1), divided into two chambers by a semipermeable membrane (2), whose first chamber (3) is part of a dialysis fluid loop and whose second chamber (4) is part of an extracorporeal blood loop. The present invention allows simple and uncomplicated determination of the blood purification performance of the blood purification element for a second material, which is derived from a previously established blood purification performance for a first material, which deviates therefrom. In this way, the blood treatment device according to the present invention also allows the determination of the blood concentration of the second material during the blood treatment through measurements in the dialysis fluid without intervention in the treatment sequence, which was not possible with previous methods.

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